

FILE NOTATIONS

Priv OGCC

Entered in NID File _____
 Entered On S R Sheet _____
 Location Map Pinned _____
 Card Indexed _____
 I W R for State or Fee Land _____

Checked by Chief _____
 Copy NID to Field Office _____
 Approval Letter _____
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed *10-7-45*
 OW _____ WW _____ TA _____
 GW _____ OS _____ *#A ✓*

Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

IE _____ R _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonic _____ Others _____

C



WELL NO.	WELL NAME	WELL TYPE	WELL LOCATION	WELL STATUS	WELL DEPTH	WELL SURFACE	WELL BOTTOM	WELL TOTAL DEPTH	WELL STATUS
10-19	NESE 30-20S22E Pu	Perfection Oil & Gas Co. #3	Cisco Dome	9-22-28	4982	Mancos	Morrison		
10-20	SENE 31-20S22E Pu	Perfection Oil & Gas Co. #2	Cisco Dome	10-26-27	4927	Mancos	Morrison		
10-21	NENW 32-20S22E Pu	G. A. Urban #1	Cisco Dome	8-9-28	4919	Mancos	Dakota		
10-22	NWNW 32-20S22E Pu	Utah Oil Refining Co. #5	Cisco Dome	8-6-25	?	Mancos	Mancos		
10-23	SESW 9-20S23E Pu	W. H. H. Cranmer Syndicate Moss #1	Cisco Springs	9-6-30	4720	Mancos	Dakota		
10-24	SWSE 15-21S16E P	Bamberger & Millis #1	Green River	1891	4100	Mancos	Morrison		
10-25	SESE 34-21S16E S	Glen Ruby, et al #1-X	Little Grand Fault	6-2-36	4055	Morrison	Kaibab		
10-26	NWSE 35-21S16E Pu	Marland Oil Co. #1	Green River	9-14-26	4410	Morrison	Lower Cutler or Rico		
10-27	NWNE 20-21S17E Pu	Crescent Drilling Co. #1	Green River	3-2-13	4200?	Mancos	Entrada		
10-28	NENE 21-21S17E Pu	Crescent Drilling Co. #2	Green River	1913	4200?	Mancos	?		
10-29	NESW 7-21S19E Pu	Sandburg Petroleum Co. #1	Salt Valley Anticline	1925	5103	Mancos	Mancos		
10-30	SWSW 27-21S19E Pu	Crescent Oil Syndicate #1	Salt Valley Anticline	6-17-30	4916	Mancos	Dakota?		
10-31	SESW 33-21S19E Pu	Potash Company of America #2	Crescent	12-24-43	4865	Mancos	Paradox		
10-32	NW 34-21S19E ?	Western States Development Co. (McCarthy #1)	Crescent	1930?	4900	Mancos	Mancos?		
10-33	C NWSW 33-21S21E Pu	Pacific Western Oil Corp. #1	Thompson	7-22-49	4798	Mancos	Paradox		
10-34	C SWSE 13-21S23E P	Arizona-Utah Gas & Oil Co. #2	South Cisco	1925?	?	Mancos	Morrison		
10-35	C SWSE 13-21S23E P	Cisco Oil Development Co. #1	South Cisco	1927	4375?	Mancos	Entrada?		
10-36	E SWSE 13-21S23E P	Cisco Oil Refining Co. #1	Cisco Town	1927	?	Mancos	?		
10-37	S SWSE 13-21S23E P	Cisco Oil Development Co. #2	South Cisco	8-2-23	?	Mancos	?		
10-38	N NWSW 20-21S23E Pu	Equity Oil Co. #1	Nash Wash	9-20-50	4514	Mancos	Granite		
10-39	NWNWSW 21-21S23E Pu	Utah Southern Oil Co. #1-A	Cisco	?	4477	Mancos	?		
10-40	NWSE 22-21S23E S	Utah Southern Oil Co. #1	Cisco Wash	12-11-44	4398	Mancos	Morrison		
10-41	SWSW 23-21S23E S	Utah Southern Oil Co. #2	Cisco Wash	1-24-45	?	Mancos	Morrison		
10-42	NWNE 24-21S23E P (Block 6)	C. North & W. D. Owen #1	Cisco Townsite	?	?	Mancos	?		
10-43	SENE 24-21S23E P	Cisco Oil Refining Co. #1	Cisco Town	1927	?	Mancos	?		
10-44	NWNESE 24-21S23E P	Cisco Oil Refining Co. #2	Cisco Town	1927	?	Mancos	?		
10-45	SWNESE 24-21S23E P	Cisco Oil Refining Co. #3	Cisco Town	1927	?	Mancos	?		
10-46	NWNW 25-21S23E P	Peerless Oil Co. #1	Cisco Town	1923?	?	Mancos	Morrison		
10-47	SWNW 25-21S23E S	Western Crude Oil Co. #3	South Cisco	10-2-45	?	Mancos	Dakota		
10-48	E NWSE 26-21S23E S	Entrada Petroleum Corp. #1	South Cisco	9-7-49	?	Mancos	Entrada		
10-49	NWNESE 26-21S23E S	Western Crude Oil Co. #1	South Cisco	5-14-45	?	Mancos	Dakota		

Note: Wells for each county are "spotted" on the accompanying map.

WELL NO.	WELL NAME	WELL TYPE	WELL LOCATION	WELL STATUS	WELL DEPTH	WELL SURFACE	WELL BOTTOM	WELL TOTAL DEPTH	WELL STATUS
Kd 1920'.					5252	MCFG	at 1920-26'.	2,207	Abd
Kd 1950'.					5500	MCFG	at 1950-60'.	1,960	Abd
					500				Abd
							Show gas top of Kd at 2015'.	2,030	Abd
								1,000	Abd
								2,627	Abd
Jk 1500'?, Rsh 2396'?, Rm 2630', Pco 3060'.							Oil shows at 400'; gas 1500-30'; oil at 2396'; gas at 2630'; oil at 2630-45'; oil at 3060-70'; gas at 3170-80'.	3,820	Abd
								2,100	Abd
								1,600	Abd
							Very small shows of gas.	2,470	Abd
								2,171	Abd
Jn 1736', Gph 3780', Cpp 4357'.							Show of light oil 1896-1901'. 2 MCFG at 4865'.	5,012	Abd
								2,200?	Abd
Kmf 860', Kd 1147', Jm 1200', Jmsw 1699', Js 1936', Je 1969', Jca 2201', Jn 2225', Jk 2469', Rc 3386', Rm 3616', Pcu 3943', Gph 9525'?, Cpp 12,206'.							Show of gas at 830' and 1360'.	13,767	P&A
							Show of oil.	643	Abd
							Show oil 640' and 1237'.	1,242	Abd
							Show oil and gas	575	Abd
							Show gas.	535	Abd
Kd 1490', Jm 1544', Jmsw 1950', Je 2150', Jca 2515', Jn 2542', Jw 2790, Rc 3115, Granite Wash 3315', Granite 3798'.								3,810	P&A
								925	Drg
								735	Abd
								930	Abd
Kd 410', Jm 477'.							Casing: 5-1/2" cc at 500'.	560	DSI
							Oil show 552-556', 1-10 bbls. per day, water interference.	573	Abd
								550	Abd
							Oil show at 360'.	550	Abd
							Shows oil and gas from Kd 390'.	631	Abd
								1,180	Abd
								1,245	Abd
Kd 375'.							Show of gas 375-377'.	385	Abd

Note: For abbreviated legend data see explanation before tables.



Copy to HC 8/8/61 RFD

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Quality of Water Branch
P.O. Box 2657, Fort Douglas
Salt Lake City, Utah

August 7, 1961

Utah Oil & Gas Conservation Commission
Newhouse Building
Salt Lake City, Utah

Attention: Mr. C. B. Feight

Dear Sir:

In accordance with the request of Mr. F. T. Mayo, Chief, Water Resources Branch, Utah State Engineers office, we are enclosing a copy of the results of chemical analysis for a sample of ground water collected from an oil well in Grand County, Utah. The sample was collected in June 1960 and is identified as Salt Lake City Laboratory No. 23664.

Sincerely yours,

Arthur M. Diaz
Arthur M. Diaz
Acting for the District Chemist

AMD:ij

encl.

cc: F. T. Mayo
State Engineers Office

Water not fit for
Culinary, Livestock or
irrigation according
to Francis Mayo.
8/8/61 RFD

ANALYSES BY GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR
(parts per million)

Salt Lake City Laboratory Number	23664					
	Rec'd					
Date of collection	12-16-60					
Silica (SiO ₂)	96					
Iron (Fe), dissolved*						
Iron (Fe), total						
Manganese (Mn), dissolved*						
Manganese (Mn), total						
Calcium (Ca)	13					
Magnesium (Mg)	11					
Sodium (Na)) 1270					
Potassium (K)						
Bicarbonate (HCO ₃)	350					
Carbonate (CO ₃)	112					
Sulfate (SO ₄)	1250					
Chloride (Cl)	760					
Fluoride (F)						
Nitrate (NO ₃)5					
Boron (B)						
Dissolved solids						
Sum	3680					
Residue on evaporation						
at 180° C						
Hardness as CaCO ₃	80					
Non-carbonate	0					
Alkalinity as CaCO ₃						
Specific conductance						
(micromhos at 25° C)	5400					
pH	9.1					
Color						
CO ₂ (calculated).....						

*In solution at time of analysis.

23664 - From leaking oil well, Sec. 25 or 26, T21S R23E, Grand County, Utah.
Collected by Utah Oil and Gas Conservation Commission - June 1960.

August 9, 1961

West
Crude
#3

Harvey:

I am enclosing a copy of the water analysis on that well near Cisco. Would you see if you can check the location on your Topo map and determine which of those two wells it is?

The bond on the Swank well is a personal bond signed by G. W. Swank as principal and North and Ferron as surities, and it is still in effect. Jack has sent it to the Attorney General requesting that he take action.

The hearing on Texaco Aneth Unit is set for August 22, 1961. I would rather you attend this hearing than any of the others since I anticipate this one will be more detailed than some of the others.

We have the pictures of the Crescent Eagle Oil Company and Defense Plant wells. When you come up for the hearing the 22nd, we can go over them and decide which is which and make up files for each.

Bob

Computer Status
changed 8/18/2000
from PA to TA
per inspection

DTs

Orphan Well Cost Estimate

Western Crude Oil Co. # 3 Well

API # 43-019-11431

SWNW Section 25 T21S, R23E, SLM

Item	Item Description	Unit Cost (FY04)	Quantity	Subtotal
A - WORKOVER RIG LABOR AND EQUIPMENT				
A1	4-Man Crew Travel, Round Trip to/from Location(s) Including Wages and Vehicle	\$/day 330.00	1	330.00
A2	Operations Supervisor/Cementer Including Transportation, Cellular Phone and Pager	\$/hr 65.00	14	910.00
A3	Pulling Unit Rig Rate Including Crew; BOP (3M Specification per 43 CFR 3160); All Rams and associated equipment	\$/hr 208.00	10	2080.00
A4	Drilling Package Including Power Swivel; 180 bbl Minimum Capacity Mud Pit; 4 bpm/2,000 psi WP Minimum Triplex Pump	\$/hr 230.00	0	0
A5	Water Storage and Well Flowback Tanks – 180 bbl Minimum Capacity (Incl. Steel Connecting Lines)	\$/day 60.00	1	60.00
A6	Tubing Work String (2 3/8-inch) Rental	\$/ft/day 0.20	0	0
A7	Standby Time Including Crew and Support Equipment	\$/hr 150.00	0	0
B - CEMENTING SERVICES				
B1	Cement Pump Charge-Balanced Plug Including Circulating All Fluids and Pressure Testing	\$/plug 700.00	1	700.00
B2	Cement Pump Charge-Surface Plug Including Circulating All Fluids and Pressure Testing	\$/plug 600.00	0	0
B3	Pump Charge for Mixing Fluids; Well Circulating; and Pressure Testing – When Plug Not Set	\$/hr 30.00	0	0
B4	API Class G or H Cement – FOB Location	\$/sk 19.00	200	3800.00
B5	API Class G Cement with 2 % CaCl – FOB Location	\$/sk 20.00	0	0
B6	Cement Retainers/Bridge Plugs – Mechanically Set: 1) Cement Retainer and, 2) Bridge Plug Note: Supply the manufacturer and model of the Cement Retainer/Bridge Plug used for each size and type.			
B6.1	<u>Manufacturer/Model</u>	SIZE: 4 1/2-inch	\$/each	
		1) 1140.00	0	0
		2) 1140.00	0	0
B6.2	<u>Manufacturer/Model</u>	SIZE: 5 1/2-inch	\$/each	
		1) 1160.00	0	0
		2) 1160.00	0	0
B6.3	<u>Manufacturer/Model</u>	SIZE: 6 5/8-inch	\$/each	
		1) 1510.00	0	0
		2) 1510.00	0	0
B6.4	<u>Manufacturer/Model</u>	SIZE: 7-inch	\$/each	
		1) 1510.00	0	0
		2) 1510.00	0	0
B6.5	<u>Manufacturer/Model</u>	SIZE: 7 5/8-inch	\$/each	
		1) 1740.00	0	0
		2) 1740.00	0	0
B6.6	<u>Manufacturer/Model</u>	SIZE: 8 5/8-inch	\$/each	
		1) 2410.00	0	0
		2) 2410.00	0	0
B6.7	<u>Manufacturer/Model</u>	SIZE: 9 5/8-inch	\$/each	
		1) 2540.00	0	0
		2) 2540.00	0	0
B6.8	<u>Manufacturer/Model</u>	SIZE: 10 3/4-inch	\$/each	
		1) 2820.00	0	0
		2) 2820.00	0	0

Orphan Well Cost Estimate

Item	Item Description	Unit Cost (FY04)		Quantity		Subtotal
C - WIRELINE SERVICES						
C1	Travel to/from Location Including Crew Wages and Vehicle	\$/mi 2.50		100		250.00
C2	Annular Squeeze Perfs: HCS – 3 1/8-inch or 4-inch, 3 Holes Add'l Holes	\$/event 750.00	\$/each 20.00	0	0	0
C3	Annular Squeeze Perfs: Bi-Wire – 1 11/16-inch or 2 1/8-inch, 2 or 4 Holes Add'l Holes	\$/event 700.00	\$/each 20.00	0	0	0
C4	Jet Cut Casing – 1) 4 ½-inch through 7-inch 2) Jet Cut Tubing – 4 ½-inch through 7-inch	\$/event 900.00	\$/each 800.00	0	0	0
C5	Jet Cut Shot of Casing Collar w/Petrogel or Approved Equal	\$/event 650.00		0		0
C6	Free Point Determination	\$/event 1400.00		0		0
C7	Mast Truck with Driver	\$/hr 60.00				
C8	Depth Charge for Gage Rings, Junk Basket, and Bridge Plugs Minimum Charge	\$/ft 0.15	\$ 300.00	0	1	300.00
C9	Cement Retainers/Bridge Plugs – Wireline Set: 1) Cement Retainer; and, 2) Bridge Plug Note: Supply the manufacturer and model of the Cement Retainer/Bridge Plug used for each size and type					
C9.1	Manufacturer/Model	SIZE: 4 ½-inch	\$/each			
			1) 935.00	0		0
			2) 740.00	0		0
C9.2	Manufacturer/Model	SIZE: 5 ½-inch	\$/each			
			1) 935.00	0		0
			2) 810.00	0		0
C9.3	Manufacturer/Model	SIZE: 6 5/8-inch	\$/each			
			1) 1550.00	0		0
			2) 1250.00	0		0
C9.4	Manufacturer/Model	SIZE: 7-inch	\$/each			
			1) 1550.00	0		0
			2) 1250.00	0		0
C9.5	Manufacturer/Model	SIZE: 7 5/8-inch	\$/each			
			1) 1610.00	0		0
			2) 1440.00	0		0
D – TRANSPORTATION AND MISCELLANEOUS SERVICES						
D1	Winch Truck and Driver - Incl. Wages and Mileage	\$/hr 104.00		1		104.00
D2	Water Truck and Driver - Incl. Wages and Mileage	\$/hr 88.00		4		352.00
D3	Backhoe w/ Driver and Helper Incl. Wages and Mileage	\$/hr 65.00		2		130.00
D4	Single Axle Truck w/ Driver - Incl. Wages and Mileage	\$/hr 77.00		0		0

Orphan Well Cost Estimate

Item	Item Description	Unit Cost (FY04)	Quantity	Subtotal
D5	Vacuum Truck with Driver – Incl. Wages and Mileage	\$/hr 88.00	4	352.00
D6	Hot Oiler – Incl. Equipment, Labor and Mileage	\$/hr 88.00	0	0
D7	Welder – Incl. Equipment, Labor and Mileage	\$/hr 55.00	4	220.00
D8	P&A Marker - Complete per State of Utah Specifications	\$/each 210.00	1	210.00
D9	Non-Corrosive Spacer Fluid for placement between plugs-Description: _____	\$/bbl 7.00	0	0
D10	Per Diem Incl. Room and Board	\$/man/day 85.00	6x1	510.00
E – THIRD PARTY CHARGES-Not accounted for above (Including but not limited to tool rentals (casing scraper, etc.); mud materials; chemicals not otherwise specified; and, well fluid disposal fees)-Please attach description and costs.				
E1	Third Party Charges	Total (\$) 0	% Markup 15	
F – OTHER ITEMS (Items not listed above necessary to do a Responsible job – Subject to State Approval)				
F1	Cement Pump Truck Mob/Wireline Mob	2.50/mile	0/0	0
F2	Location Cleanup	500.00/event	0	0
F3	Hauling Equipment Left on Location	600.00/event	0	0
F4	Contingency	10%	10308.00	1030.80
TOTAL			11,338.80	
NOTES: _____ _____ _____ _____				

Western Crude Oil Co. #3

File

TD = 1180'

Leaking water - 9.1 pH, 3680 TDS

Completed ^{at} 1945

Inspection

Leaking water Spilling out to back

10 3/4" Surf. 7" prod.

TD @ 855'

Casing highly Corroded

Proc.

6 hrs.

1 hr.

2 hrs. (± 1705x)

Day 1 RU, RIH to TD (± 855') Circ Hole Clean (± 35 bbls), Fill hole w/cement
2 hr
Fill Annulus (3341 cf) 145k/ft, Cut off w/ weld 0401
3 hrs.

Possible problems - NU to corroded casing

Water flow/channelling

Sulfate resistant cement

Wellbore Diagram

API Well No: 43-019-11431-00-00

Permit No:

Well Name/No: WESTERN CRUDE OIL CO 3

Company Name: ORPHAN-NO RESPONSIBLE OPER

Location: Sec: 25 T: 21S R: 23E Spot: SWNW

Coordinates: X: 644662 Y: 4312788

Field Name: GREATER CISCO

County Name: GRAND

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	60	12.25		
SURF	60	10.75		
HOL2	1180	8.75		
PROD	1180	7		4289 f/cf

$$10\frac{3}{4}'' \times 7'' = 3.341 f/cf$$

Surface: 10.75 in. @ 60 ft.

Hole: 12.25 in. @ 60 ft.

Cement Information

Perforation Information

Plug 1

$$855 / (4.289) (118) = 1705x$$

Analysis:

Formation Information

(From Plat in Case State #1 File)

Formation	Depth	Formation	Depth
Dakota	370'		
Morrison	438'		
Oil Show Sand	582'-05'		
Oil Show Sand	813'-24'		
Oil Show Sand	838'-60'		
Sand	873'-975'	oil show in top	

Production: 7 in. @ 1180 ft.

PSTD 855'

Hole: 8.75 in. @ 1180 ft.

TD:

1180

TVD:

PSTD:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER ML49493	
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
			7. UNIT or CA AGREEMENT NAME	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.				
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER WESTER CRUDE OIL CO 3	
2. NAME OF OPERATOR Tidewater Oil & Gas, LLC			9. API NUMBER 4301911431	
3. ADDRESS OF OPERATOR 1645 Court Pl., Suite 310 Denver CO 80202			PHONE NUMBER (303) 468-0656	10. FIELD AND POOL, OR WILDCAT Greater Cisco
4. LOCATION OF WELL				
FOOTAGES AT SURFACE: FSL, FWL - x=644662 y= 4312788			COUNTY GRAND	
GTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 25 21S 23E			STATE UTAH	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start 8/31/2006 <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1. Move in rig.
2. Run tubing string to TD.
3. Cement casing with 200 cu. ft. cement. Pull tubing.
3. Run 1" macaroni string down production string annulus.
4. Cement annulus to surface.
5. Cut of casing 4 ft. below surface. Weld on plate and dry hole marker.
7. Restore surface.

Cement is planned to be Redi-Mix or if not available, Neat Cement will be used.

COPY SENT TO OPERATOR
DATE: 9-15-06
BY: CHD

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 8/29/2006

BY: Clinton L. Dewarshah
See Conditions of Approval

NAME (PLEASE PRINT) R.E. KNIGHT

SIGNATURE RE Knight

TITLE AGENT

DATE 8/27/2006

(This space for State use only)

AUG 29 2006



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

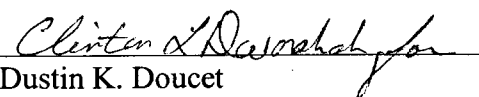
GARY R. HERBERT
Lieutenant Governor

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number: Western Crude Oil Co 3
API Number: 43-019-11431
Operator: Tidewater Oil & Gas, LLC
Reference Document: Original Sundry Notice Dated August 27, 2006
Received by DOGM on August 29, 2006

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. All annuli shall be cemented to the surface.
3. All intervals between plugs shall be filled with noncorrosive fluid.
4. Balanced plugs shall be tagged to ensure the plugs are at the depths specified in the proposal.
5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
7. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.


Dustin K. Doucet
Petroleum Engineer

August 29, 2006
Date

API Well No: 43-019-11431-00-00

Permit No:

Well Name/No: WESTERN CRUDE OIL CO 3

Company Name: ORPHAN-NO RESPONSIBLE OPER

Location: Sec: 25 T: 21S R: 23E Spot: SWNW

Coordinates: X: 644662 Y: 4312788

Field Name: GREATER CISCO

County Name: GRAND

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	60	12.25		
SURF	60	10.75		
HOL2	1180	8.75		
PROD	1180	7	17 st	4.284

3.341

Surface: 10.75 in. @ 60 ft.

Hole: 12.25 in. @ 60 ft.

between 10.75" x 7"

$$60 / (3.341)(1.15) = 16 \text{ SKS}$$

Cement Information

Perforation Information

$$855 / (4.284)(1.15) = 173 \text{ SKS}$$

possibly plugged back to 855'

Formation Information

Formation Depth

Production: 7 in. @ 1180 ft.

Hole: 8.75 in. @ 1180 ft.

$$1180 / (4.284)(1.15) = 239 \text{ SKS}$$

TD:

1180 TVD:

PBTD:

STATUS		LOCATION AND WELL NUMBER		DATE OF TEST		ELEVATION		SURFACE		BOTTOM		WELLS DRIFTED IN FEET FROM SURFACE		REMARKS CONCERNING PRODUCING HORIZONS OR SHOWS	
10-19	NESE	30-20S22E Pu	Perfection Oil & Gas Co. #3	Cisco	9-22-28	4982		Mancos	Morrison						
10-20	SENE	31-20S22E Pu	Perfection Oil & Gas Co. #2	Cisco	10-26-27	4927		Mancos	Morrison			Kd 1920'.		5252 MCFG at 1920-26'.	
10-21	NENW	32-20S22E Pu	C. A. Urban #1	Cisco	8-9-28	4919		Mancos	Dakota			Kd 1950'.		5500 MCFG at 1950-60'.	
10-22	NWNW	32-20S22E Pu	Utah Oil Refining Co. #5	Cisco	8-6-25	?		Mancos	Mancos						
10-23	SESW	9-20S23E Pu	W. H. H. Cranmer Syndicate Moss #1	Cisco	9-6-30	4720		Mancos	Dakota					Show gas top of Kd at 2015'.	
10-24	SWSE	15-21S16E P	Bamberger & Millis #1	Green River	1891	4100		Mancos	Morrison						
10-25	SESE	34-21S16E S	Glen Ruby, et al #1-X	Little Grand Fault	6-7-36	4055		Morrison	Kaibab						
10-26	NWSE	35-21S16E Pu	Marland Oil Co. #1	Green River	9-14-26	4410		Morrison	Lower Cutler or Rico			Jk 1500'?, Rsh 2396'?, Rm 2630', Pco 3060'.		Oil shows at 400'; gas 1500-30'; oil at 2396'; gas at 2630'; oil at 2630-45'; oil at 3060-70'; gas at 3170-80'.	
10-27	NWNE	20-21S17E Pu	Crescent Drilling Co. #1	Green River	3-7-13	4200?		Mancos	Entrada						2,
10-28	NENE	21-21S17E Pu	Crescent Drilling Co. #2	Green River	1913	4200?		Mancos	?						1,
10-29	NESW	7-21S19E Pu	Sandburg Petroleum Co. #1	Salt Valley Anticline	1925	5103		Mancos	Mancos					Very small shows of gas.	
10-30	SWSW	27-21S19E Pu	Crescent Oil Syndicate #1	Salt Valley Anticline	6-17-30	4916		Mancos	Dakota?						2,
10-31	SESW	33-21S19E Pu	Potash Company of America #2	Crescent	12-24-43	4865		Mancos	Paradox			Jn 1736', Gph 3780', Cpp 4357'.		Show of light oil 1896-1901'. 2 MCFG at 4865'.	5,00
10-32	NW	34-21S19E ?	Western States Development Co. (McCarthy #1)	Crescent	1930?	4900		Mancos	Mancos?						2,200?
10-33	C NWSW	33-21S21E Pu	Pacific Western Oil Corp. #1	Thompson	7-22-49	4798		Mancos	Paradox			Kmf 860', Kd 1147', Jm 1200', Jmsw 1699', Js 1936', Je 1969', Jca 2201', Jn 2225', Jk 2469', Rc 3386', Rm 3616', Pcu 3943', Cph 9525'?, Cpp 12,206'.		Show of gas at 830' and 1360'.	13,76'
10-34	C SWSE	13-21S23E P	Arizona-Utah Gas & Oil Co. #2	South Cisco	1925?	?		Mancos	Morrison					Show of oil.	643 Abd
10-35	C SWSE	13-21S23E P	Cisco Oil Development Co. #1	South Cisco	1927	4375?		Mancos	Entrada?					Show oil 640' and 1237'.	1,242 Abd
10-36	E SWSE	13-21S23E P	Cisco Oil Refining Co. #1	Cisco Town	1927	?		Mancos	?					Show oil and gas	575 Abd
10-37	S SWSE	13-21S23E P	Cisco Oil Development Co. #2	South Cisco	8-7-23	?		Mancos	?					Show gas.	535 Abd
10-38	N NWSW	20-21S23E Pu	Equity Oil Co. #1	Nash Wash	9-20-50	4514		Mancos	Granite			Kd 1490', Jm 1544', Jmsw 1950', Je 2150', Jca 2515', Jn 2542', Jw 2790', Rc 3115', Granite Wash 3315', Granite 3798'.			3,810 P&A
10-39	NWNWSW	21-21S23E Pu	Utah Southern Oil Co. #1-A	Cisco	?	4477		Mancos	?						925 Drg
10-40	NWSE	22-21S23E S	Utah Southern Oil Co. #1	Cisco Wash	12-11-44	4398		Mancos	Morrison						735 Abd
10-41	SWSW	23-21S23E S	Utah Southern Oil Co. #2	Cisco Wash	1-24-45	?		Mancos	Morrison						930 Abd
10-42	NWNE	24-21S23E P	C. North & W. D. Owen #1	Cisco Townsite	?	?		Mancos	?			Kd 410', Jm 477'.		Casing: 5-1/2" oc at 500'.	560 DSX
10-43	SENE	24-21S23E P	Cisco Oil Refining Co. #1	Cisco Town	1927	?		Mancos	?					Oil show 552-556', 1-10 bbls. per day, water interference.	573 Abd
10-44	NWNESE	24-21S23E P	Cisco Oil Refining Co. #2	Cisco Town	1927	?		Mancos	?						550 Abd
10-45	SWNESE	24-21S23E P	Cisco Oil Refining Co. #3	Cisco Town	1927	?		Mancos	?					Oil show at 360'.	550 Abd
10-46	NWNW	25-21S23E P	Pearless Oil Co. #1	Cisco Town	1923?	?		Mancos	Morrison					Shows oil and gas from Kd 390'.	631 Abd
10-47	SWNW	25-21S23E S	Western Crude Oil Co. #3	South Cisco	10-7-45	?		Mancos	Dakota						1,180 Abd
10-48	E NWSE	26-21S23E S	Entrada Petroleum Corp. #1	South Cisco	9-7-49	?		Mancos	Entrada						1,245 Abd
10-49	NWNESE	26-21S23E S	Western Crude Oil Co. #1	South Cisco	5-14-45	?		Mancos	Dakota			Kd 375'.		Show of gas 375-377'.	385 Abd

Note: Wells for each county are "spotted" on the accompanying map.

Note: For abbreviated legend data see explanation before tables.

Orphan wells 10/1-3/2003

1. **Ten Mile Point** – Measured TD 129 Yards , backside measured 14 yards.
2. **Paulson 23-2** – Water @ 8 yards , Measured TD 284 yards. Casing cirm 14” unclaimed pit. Wire cable.
3. **Buckhorn Adak 14-1** – Large rusted white tank, garden hose from well head To tank (opened ball valve could feel flow). Unclaimed pit, casing cirm 14”.
4. **Whyte State #2** – Pressure gauge on well head @ 65#. Valve locked.
5. **Smith Whyte #2** – Fluid level @ 15 yards. Black oil. Measured td 19 yards potential obstruction such as rods. Location has cement pump base. Open surface casing w/ 14” cirm.
6. **Smith Whyte #1** – Rods in top of casing uable to measure TD. Fluid to surface Black oil. Cement pump jack base. Casing cirm 14”.
7. **United Inv.** – sits in shallow depression, TD 6’ , no fluid , 20’ from dry hole CEOE Failing , casing 7”.
8. **State Losey** – TD 215 yards, fluid @ 40 yards, hit something @ 50 yards. Rusted 5 gallon bucket over top of open casing , This well was mistaken For the State #1. prod casing 7 5/8” , surf casing 8 5/8 “.
9. **Old State #1** – measured depth 186 yards, backside measured 70 yards. Weights Hung up coming out. Able to move production casing. Surf casing 8 5/8” Prod casing 5 1/2”
10. **Western Crude Oil #3** – measured depth 285 yards , water to surface. Water flowing Up production string and down backside. Surface and production casing corroded. Surf casing 10 3/4” , prod casing 7”. UTM 644814 , 4312713.
11. **State #1** – Unable to locate wellbore possible buried under dirt. prior was mixed Up w/ state losey , rusted barrels and equipment, found 7 3/4” and 8 5/8” caps.
12. **Whyte State #5** – cement pump stand and RR ties. Oil to surface, oil stained Ground around tubing, casing and tubing covered with oily dirt, measured only 29 yards down tubing. UTM 644657 , 4314556
13. **Crest 2-8** – measured TD 29 yards, water @ 10’ , 4 1/2 casing.
14. **Escondito #1** – surface equipment , shed, open pit w/ fence , treater , leak in line prior to reaching treater, 1 5/6” square head to close valve at well head. Guage next to shed flowing into gas line showed 30# pressure.
15. **Pioneer #1** – blown over shed, treater, butter fly valve at wellhead. Measured well, tangled, knots, frustration, more knots, frustration, Splices, dark, cold, rain, went home.

TIDEWATER OIL & GAS COMPANY LLC

1645 Court Place, Suite 301

Denver, Colorado 80202

(303) 468-0656

April 13, 2006

LaVonne,

I am return 2 (two) executed copies of the Assignment of **Orphan Well and Operating Rights**. Hopefully, this should meet your requirements. Should there be a problem, please contact me on (303) 327-7141.

Sincerely,

Tom Johnson
Office Manager
Tidewater Oil & Gas Company LLC

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DIV. OF OIL, GAS & MINING

ASSIGNMENT OF ORPHAN WELL AND OPERATING RIGHTS

Reference is made to the abandoned oil and gas wells set out on Exhibit A, attached hereto and made a part hereof. These wells are referred to as the Subject Wells.

For the sum of one dollar (\$1.00) and other valuable and adequate consideration the receipt of which is hereby acknowledged the State of Utah by and through the School and Institutional Trust Lands Administration (hereinafter the "Assignor") hereby assigns, conveys and sells to Tidewater Oil & Gas Company, LLC, (hereinafter the "Assignee"), the Subject Wells, including the well bore, all casing or other production equipment appurtenant thereto, and such operating rights as the Assignee may exercise pursuant to the oil and gas leases in effect on the date of this assignment as set out on Exhibit A for the express purpose of properly plugging and abandoning the Subject Wells pursuant to all applicable rules and regulations of the Utah Division of Oil, Gas and Mining or other governmental entity having jurisdiction.

This Assignment is made subject to the terms of the existing oil and gas leases under which the Assignor is the Lessor and the Assignee is the Lessee and grants the Assignee the right to properly plug and abandon the Subject Wells pursuant to its rights under the current oil and gas leases set out on Exhibit A under authority of said Leases. Assignee covenants, and this assignment is subject to, the Assignee's covenant to plug and abandon the Subject Wells within the lease acreage during the primary term of the existing leases and to comply with all bonding requirements and operational requirements of the existing lease. Reference within this Assignment to these leases shall not be interpreted as a ratification, confirmation or amendment thereof.

THE ASSIGNOR SPECIFICALLY DISCLAIMS ANY WARRANTY OR AGREEMENT TO DEFEND TITLE TO THE SUBJECT WELL AND DOES SPECIFICALLY DISCLAIM ANY WARRANTY THAT THE SUBJECT WELL IS FREE AND CLEAR OF LIENS AND ENCUMBRANCES OR THAT THERE ARE ANY FACTS IN EXISTENCE AS OF THIS DATE WHICH MIGHT GIVE RISE TO LIENS OR PRIVILEGES AGAINST THE SUBJECT WELL IN FAVOR OF THIRD PARTIES. ASSIGNOR EXPRESSES DISCLAIMS AND NEGATES AS TO PERSONAL PROPERTY AND FIXTURES: (A) ANY IMPLIED OR EXPRESS WARRANTY OF MERCHANTABILITY; (B) ANY IMPLIED OR EXPRESS WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE; (C) ANY IMPLIED OR EXPRESS WARRANTY OF CONFORMITY TO MODELS OR SAMPLES OF MATERIALS.

This Assignment shall be binding upon and shall inure to the benefit of the Assignor and Assignee and their respective heirs, successors and assigns but is not assignable to third parties without the express written consent of Assignor.

Executed this 5th day of April, 2006, and effective for purposes of plugging and abandoning Subject Wells.

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ASSIGNMENT OF ORPHAN WELL AND OPERATING RIGHTS

Page 2

ASSIGNOR:
SCHOOL AND INSTITUTIONAL
TRUST LANDS ADMINISTRATION

By: Kevin S. Carter
Its: Director

ASIGNEE:
TIDEWATER OIL & GAS
COMPANY, LLC

By: James J. Jones
Its: Manager

APPROVED AS TO FORM:
MARK L. SHURTLEFF
ATTORNEY GENERAL

By: Thomas A. Mitchell
Special Assistant Attorney General

Date: 4/11/06

STATE OF UTAH)
)
COUNTY OF SALT LAKE)

On the 9th day of June, 2006, personally appeared before me Kevin S. Carter, who being by me duly sworn did say that he is the Director of the School and Institutional Trust Lands Administration of the State of Utah, and the signer of the above instrument, who duly acknowledged that he executed the same.

Given under my hand and seal this 9th day of June, 2006

My Commission expires:

5/25/2010

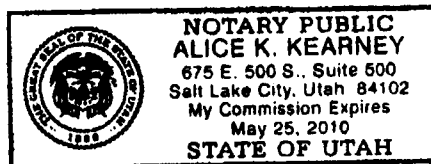
Alice K. Kearney
Notary Public

Residing at: 4578 Foxglove Dr.
Jaylorsville, UT 84123

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ASSIGNMENT OF ORPHAN WELL AND OPERATING RIGHTS

Page 3

STATE OF Colorado)
COUNTY OF Denver)

On the 13th day of April, 2006, personally appeared before me
James S. Jones, who being by me duly sworn did say that (s)he
is the Manager of TIDEWATER OIL & GAS, LLC., and the
signer of the above instrument, who duly acknowledged to me that (s)he executed the same.

Given under my hand and seal this 13th day of April, 2006.

My Commission expires:

8/7/06

Jason L. Keiser
Notary Public

Residing at: 1645 Court Pl #422
Denver CO 80202

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DIV. OF OIL, GAS & MINING

EXHIBIT "A"

Attached to and made a part of that certain Assignment of Orphan Wells and Operating Rights
Dated April 5, 2006, by and between School and Institutional Trust Lands Administration and
Tidewater Oil & Gas Company, LLC

ORPHAN WELL NAME	ORPHAN WELL LOCATION	API NUMBER	CURRENT SITLA LEASE NO.	RT LESSEE	OPERATING RTS OWNER
Western Crude Oil Co. 3	Township 21 South, Range 23 East, SLB&M Section 25: SWNW	4301911431	ML 49493	Tidewater Oil & Gas Company, LLC	Not Severed
Smith-Whyte State 1	Township 21 South, Range 23 East, SLB&M Section 25: NENE	4301920271	ML 49493	Tidewater Oil & Gas Company, LLC	Not Severed
Smith-Whyte State 2	Township 21 South, Range 23 East, SLB&M Section 25: NENE	4301920296	ML 49493	Tidewater Oil & Gas Company, LLC	Not Severed
State Losey 1	Township 21 South, Range 23 East, SLB&M Section 26: SESE	4301911539	ML 49494	Tidewater Oil & Gas Company, LLC	Not Severed
Paulson 23-2	Township 21 South, Range 23 East, SLB&M Section 23: NENE	4301930261	ML 49492	Tidewater Oil & Gas Company, LLC	Not Severed

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML49493
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	2. NAME OF OPERATOR: Tidewater Oil & Gas, LLC	8. WELL NAME and NUMBER: WESTER CRUDE OIL CO 3
3. ADDRESS OF OPERATOR: 1645 Court Pl., Suite 310 Denver CO 80202		9. API NUMBER: 4301911431
4. LOCATION OF WELL FOOTAGES AT SURFACE: FSL, FWL - x=644662 y= 4312788 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 25 21S 23E		10. FIELD AND POOL, OR WILDCAT: Greater Cisco COUNTY: GRAND STATE: UTAH

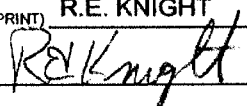
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/27/2006			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1. Move in rig.
2. Ran tubing string to TD , 1066'.
3. Cement casing with 300 sx. cement. Pulled tubing.
4. Cement casing with 20 sx. cement. Down annulus.
5. WOC
6. Cement casing with 50 sx. cement down 7" casing to surface..
7. Cut of casing 4 ft. below surface. Weld on plate and dry hole marker.
8. Restore surface.

All plugging operations witnessed by Mark Jones, State of Utah Oil and Gas inspector.

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NOV 29 2006

NAME (PLEASE PRINT) R.E. KNIGHT		TITLE AGENT
SIGNATURE 		DATE 10/28/2006

(This space for State use only)